DM1020 Media Technology 7.5 credits

Medieteknik

This is a translation of the Swedish, legally binding, course syllabus.

Establishment

Course syllabus for DM1020 valid from Spring 2009

Grading scale

A, B, C, D, E, FX, F

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

Language of instruction

The language of instruction is specified in the course offering information in the course catalogue.

Intended learning outcomes

The goal of the course is to give the students

• deeper knowledge on modern text and image processing and colour theory

so that they will be able to

• use and adapt systems for production and the organization around these.

Course contents

Systems and programs for text and image processing. Scanner technology, digital rasterization, colour theory.

Image compression methods, storage and transmission of documents.

Calibration and quality aspects.

Course literature

Understanding Digital Color from GATF Press, ISBN-nr 1-85802-450-1.

Also recommended: A Field Guide to Digital Color, av Maureen C. Stone. Förlag: From A K Peters LTD. ISBN 1-56881-161-6.

Examination

• ANN1 - Assignment, 4.5 credits, grading scale: P, F

• TEN1 - Examination, 3.0 credits, grading scale: A, B, C, D, E, FX, F

Based on recommendation from KTH's coordinator for disabilities, the examiner will decide how to adapt an examination for students with documented disability.

The examiner may apply another examination format when re-examining individual students.

If the course is discontinued, students may request to be examined during the following two academic years.

Other requirements for final grade

Examination (TEN1; 3 university credits).
Assignment (ANN1; 4,5 university credits).

Ethical approach

• All members of a group are responsible for the group's work.

- In any assessment, every student shall honestly disclose any help received and sources used.
- In an oral assessment, every student shall be able to present and answer questions about the entire assignment and solution.